

sFRPs, wherein the polypeptide is designated in the present application as "PRO697".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO697 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO697 polypeptide having amino acid residues 1 through 295 of Figure 167 (SEQ ID NO:415), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the vector deposited with the ATCC on March 26, 1998 as DNA50920-1325 which includes the nucleotide sequence encoding PRO697.

In another embodiment, the invention provides isolated PRO697 polypeptide. In particular, the invention provides isolated native sequence PRO697 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 through 295 of Figure 167 (SEQ ID NO:415). Optionally, the PRO697 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the vector deposited with the ATCC on March 26, 1998 as DNA50920-1325.

65. PRO717

Applicants have identified a cDNA clone that encodes a novel 12 transmembrane polypeptide, wherein the polypeptide is designated in the present application as "PRO717".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO717 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO717 polypeptide having amino acid residues 1 through 560 of Figure 169 (SEQ ID NO:420), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the vector deposited on April 28, 1998 with the ATCC as DNA50988-1326 which includes the nucleotide sequence encoding PRO717.

In another embodiment, the invention provides isolated PRO717 polypeptide. In particular, the invention provides isolated native sequence PRO717 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 through 560 of Figure 169 (SEQ ID NO:420). An additional embodiment of the present invention is directed to an isolated extracellular domain of a PRO717 polypeptide. Optionally, the PRO717 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the vector deposited on April 28, 1998 with the ATCC as DNA50988-1326.

66. PRO731

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence identity with protocadherin 4, wherein the polypeptide is designated in the present application as "PRO731".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO731 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO731 polypeptide having amino acid residues 1 through 1184 of Figure 171 (SEQ ID NO:425), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the

vector deposited on March 31, 1998 with the ATCC as DNA48331-1329 which includes the nucleotide sequence encoding PRO731.

In another embodiment, the invention provides isolated PRO731 polypeptide. In particular, the invention provides isolated native sequence PRO731 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 through 1184 of Figure 171 (SEQ ID NO:425). An additional embodiment of the present invention is directed to an isolated extracellular domain of a PRO731 polypeptide. Optionally, the PRO731 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the vector deposited on March 31, 1998 with the ATCC as DNA48331-1329.

67. PRO218

Applicants have identified a cDNA clone that encodes a novel multi-transmembrane protein having sequence identity with membrane regulator proteins, wherein the polypeptide is designated in the present application as "PRO218".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO218 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO218 polypeptide having amino acid residues 1 through 455 of Figure 173 (SEQ ID NO:430), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the vector deposited on April 28, 1998 with the ATCC as DNA30867-1335 which includes the nucleotide sequence encoding PRO218.

In another embodiment, the invention provides isolated PRO218 polypeptide. In particular, the invention provides isolated native sequence PRO218 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 through 455 of Figure 173 (SEQ ID NO:430). Optionally, the PRO218 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the vector deposited on April 28, 1998 with the ATCC as DNA30867-1335.

In another embodiment, the invention provides an expressed sequence tag (EST) sequence comprising the nucleotide sequence of Figure 174 (SEQ ID NO:431), designated herein as DNA14472.

In another embodiment, the invention provides an expressed sequence tag (EST) sequence comprising the nucleotide sequence of Figure 175 (SEQ ID NO:432), designated herein as DNA15846.

68. PRO768

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence identity with integrins, wherein the polypeptide is designated in the present application as "PRO768".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO768 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO768 polypeptide having amino acid residues 1 through 1141 of Figure 177 (SEQ ID NO:437), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the

vector deposited on April 6, 1998 as DNA55737-1345 which includes the nucleotide sequence encoding PRO768.

In another embodiment, the invention provides isolated PRO768 polypeptide. In particular, the invention provides isolated native sequence PRO768 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 through 1141 of Figure 177 (SEQ ID NO:437). An additional embodiment of the present invention is directed to an isolated extracellular domain of a PRO768 polypeptide. Optionally, the PRO768 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the vector deposited on April 6, 1998 as DNA55737-1345.

69. PRO771

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence identity with testican, wherein the polypeptide is designated in the present application as "PRO771".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO771 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO771 polypeptide having amino acid residues 1 through 436 of Figure 179 (SEQ ID NO:442), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the vector deposited on April 7, 1998 with the ATCC as DNA49829-1346 which includes the nucleotide sequence encoding PRO771.

In another embodiment, the invention provides isolated PRO771 polypeptide. In particular, the invention provides isolated native sequence PRO771 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 through 436 of Figure 179 (SEQ ID NO:442). Optionally, the PRO771 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the vector deposited on April 7, 1998 with the ATCC as DNA49829-1346.

70. PRO733

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence identity with the T1/ST2 receptor binding protein, wherein the polypeptide is designated in the present application as "PRO733".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO733 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO733 polypeptide having amino acid residues 1 through 229 of Figure 181 (SEQ ID NO:447), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the vector deposited on April 7, 1998 with the ATCC as DNA52196-1348 which includes the nucleotide sequence encoding PRO733.

In another embodiment, the invention provides isolated PRO733 polypeptide. In particular, the